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AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

5 Detailed Listing of All Claims 1-39:

1 (Currently amended). A storage medium comprising data stored therein through use of lands and pits and attachable to a replaceable component of an apparatus wherein the data comprises data related to the replaceable  
10 component, the replaceable component serving one or more purposes other than data storage and the storage medium operable using an electromagnetic beam and comprising a visible holographic image to authenticate the replaceable component.

15 2 (Original). The storage medium of claim 1 wherein the storage medium further comprises a laser writeable storage medium.

3 (Previously presented). The storage medium of claim 1 wherein the holographic image includes a company logo.

20 4 (Original). The storage medium of claim 1 wherein the storage medium comprises an adhesive for attachment to the component.

25 5 (Original). The storage medium of claim 1 wherein the storage medium snap-fits to the component.

6 (Original). The storage medium of claim 1 wherein the storage medium is readable.

30 7 (Original). The storage medium of claim 1 wherein the storage medium is writeable.

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8 (Currently amended). A print cartridge comprising a storage medium operable using an electromagnetic beam wherein the storage medium comprises lands and pits for storage of data and wherein the data comprises  
5 data related to the print cartridge.

9 (Currently amended). The cartridge of claim 8 wherein the storage medium comprises a visible hologram.

10 10 (Original). The cartridge of claim 8 wherein the storage medium comprises indicia of authenticity.

11 (Original). The cartridge of claim 8 wherein the storage medium comprises a laser writeable storage medium.

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12 (Original). The cartridge of claim 8 wherein the cartridge comprises an ink jet printer cartridge.

13 (Currently amended). A system comprising a R/W device and a  
20 component that comprises a printer cartridge~~serves one or more purposes other than data storage~~, wherein the component includes a R/W storage medium that interfaces with the R/W device using an electromagnetic beam.

14 (Original). The system of claim 13 wherein the storage medium includes  
25 at least one of a hologram and a laser writeable storage medium.

15 (Original). The system of claim 13 wherein the system further comprises a manufacturing line, the manufacturing line including the R/W device.

30 16 (Canceled).

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17 (Original). The system of claim 13 wherein the system further comprises an image forming device, the image forming device configured to receive the component and including the R/W device.

5 18 (Previously presented). A method of reading data from a storage medium, the data stored to the storage medium through use of an electromagnetic beam, the storage medium attached to a component that serves one or more purposes other than data storage, the method comprising:

10 emitting energy from a device positioned in proximity to the storage medium, wherein the device is at least one of readable and writeable;  
detecting energy reflected from the storage medium; and  
determining a bit value based on the detected energy.

15 19 (Original). The method of claim 18 wherein the component is a printer cartridge.

20 (Original). The method of claim 18 wherein the device is housed in a printer.

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21 (Original). The method of claim 20 wherein the component is installed in the printer.

22 (Original). The method of claim 18 wherein the emitting comprises laser  
25 emission.

23 (Previously presented). A method of writing data to a storage medium attached to a component that serves one or more purposes other than data storage comprising:

30 instructing a device, wherein the device is at least one of readable and writeable; and

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emitting energy from the device, the emitting based on the instructing  
and the device positioned in proximity to the storage medium.

24 (Original). The method of claim 23 wherein the device is housed in a  
5 printer.

25 (Original). The method of claim 23 wherein the component includes a  
printer cartridge.

10 26 (Original). The method of claim 23 wherein the emitting includes laser  
emission.

27 (Original). A printer comprising components, at least one of the  
components having a laser storage medium attached thereto, wherein the  
15 storage medium is at least one of readable and writeable.

28 (Previously presented). A method of instructing an image forming device  
comprising:

installing a component that serves one or more purposes other than  
20 data storage in the image forming device, the component having a storage  
medium attached thereto, the storage medium comprising stored  
information, the information stored to the storage medium through use of an  
electromagnetic beam;

reading the stored information; and  
25 instructing the image forming device based on the stored information.

29 (Original). The method of claim 28 wherein the component includes a  
printer cartridge.

30 30 (Original). The method of claim 28 wherein the stored information  
indicates a characteristic of the component.

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31 (Original). The method of claim 30 wherein the characteristic includes a characteristic selected from at least one of age, use, prior use, compatibility, manufacturer, and fluid level of the component.

5 32 (Currently amended). A replaceable print cartridge comprising a storage medium attached thereto, the storage medium comprising lands and pits for storage of data wherein the data comprises data related to the replaceable print cartridge and wherein the storage medium is responsive to being read by an electromagnetic beam.

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33 (Previously presented). The replaceable print cartridge of claim 32 wherein the electromagnetic beam is a laser beam.

15 34 (Currently amended). The replaceable print cartridge of claim 32 wherein the storage medium comprises a visible hologram.

35 (Previously presented). The replaceable print cartridge of claim 32 wherein the storage medium comprises an adhesive for attachment to the replaceable print cartridge.

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36 (Previously presented). The replaceable print cartridge of claim 32 wherein the storage medium snap-fits to the replaceable print cartridge.

25 37 (Previously presented). The replaceable print cartridge of claim 32 wherein the storage medium comprises indicia of authenticity.

38 (Previously presented). The replaceable print cartridge of claim 32 wherein the replaceable print cartridge comprises an ink jet printer cartridge.

30 39 (Previously presented). The replaceable print cartridge of claim 38 wherein the storage medium includes information regarding operation of the ink jet print cartridge.